

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application:

1. (currently amended): Nitrogen oxide storage catalyst applied in the form of a coating to an inert honeycomb made of ceramic or metal comprising: a noble metal comprising platinum as an oxidation-active component on a first support material comprising a homogeneous magnesium-aluminium mixed oxide having a magnesium oxide content of from 1 to 40% by weight, based on the total weight of the Mg-Al mixed oxide of the first support material; and at least one nitrogen oxide storage component on a second support material comprising Mg-Al mixed oxide doped with rare earth oxides and containing from 1 to 30% by weight of magnesium oxide, based on the total weight of the magnesium-aluminium mixed oxide of the second support material, wherein: (i) the first support material is separate from the second support material; (ii) the first support material contains the noble metal; and (iii) the second support material does not contain any noble metal.
2. (previously presented): Nitrogen oxide storage catalyst according to Claim 1, characterized in that the nitrogen oxide storage component supported on magnesium-aluminium mixed oxide is based on oxides, carbonates or hydroxides of barium and/or strontium.
3. (previously presented): Nitrogen oxide storage catalyst according to Claim 1, characterized in that the rare earth oxides comprise oxides of elements selected from the group consisting of cerium, praseodymium, neodymium, samarium and mixtures thereof.
4. (previously presented): Nitrogen oxide storage catalyst according to Claim 3, characterized in that the rare earth oxides are cerium oxide and/or praseodymium oxide.

5. (previously presented): Nitrogen oxide storage catalyst according to Claim 1, characterized in that the homogeneous Mg-Al mixed oxide of the nitrogen oxide storage component contains from 5 to 15% by weight of rare earth oxides, based on the total weight of the second support material.
6. (cancelled)
7. (cancelled)
8. (previously presented): Nitrogen oxide storage catalyst according to Claim 1, characterized in that it additionally contains palladium.
9. (previously presented): Nitrogen oxide storage catalyst according to Claim 1, characterized in that it additionally contains rhodium on aluminium oxide.
10. (original): Nitrogen oxide storage catalyst according to Claim 8, characterized in that it additionally contains rhodium on aluminium oxide.
11. (cancelled)
12. (cancelled)
13. (previously presented): Nitrogen oxide storage catalyst according to Claim 15, characterized in that the catalyst contains from 5 to 10% by weight of nitrogen oxide storage components, calculated as oxide and based on the total weight of the catalyst.
14. (cancelled)
15. (previously presented): Nitrogen oxide storage catalyst according to claim 1 characterized in that the catalyst contains 3 to 25% by weight of nitrogen oxide storage components calculated as oxide and based on the total weight of the catalyst.

16. (New): Nitrogen oxide storage catalyst according to Claim 1, wherein the first support material comprises cerium oxide and the second support material comprises cerium oxide and barium oxide.